REMARKS

Claims 1, 3-7, 9-12, 25, 27-30, 114, 118-121 and 125-128 are pending with claims 1, 7, 25, 30, 114 and 121 being independent. Claims 42, 44-54, 56-66 and 68-113 have been canceled, claim 25 has been amended to recite the feature that the blocking material and the material contained in the luminescent layer have an electron transport property, and claims 114 and 121 have been amended to correct minor grammatical errors. Support for the amendments to claim 25 may be found in the application at page 8, lines 4-7 (which states that a luminescent layer may be provided by a bipolar layer, or a "bipolar-natured mixed layer," which is obtained by mixing a hole transporting material of high hole mobility and an electron transporting material of high electron mobility together); page 28, lines 33-34 (which states that a luminescent layer is made of a bipolar-natured mixed layer composed of a hole transporting material and a host material of the luminescent layer, such that the hose material of the luminescent layer could have electron transport property); page 29, lines 6-8 (which states that the blocking, which is used in the form of a single layer in Fig. 9, may be mixed with the host material in the luminescent layer so as to form a blocking mixed layer, such that the blocking layer could be mixed with the material contained in the luminescent layer having electron transport property and the blocking material); page 31, lines 16-17 (which states that, as the blocking material, BAlq, OXD-7, TAZ, p-EtTAZ, BPhen and BCP are serviceable because they are high in excitation energy level); and page 30, line 26 to page 31, line 9 (which states that, BAlq, OXD-7, TAZ, p-EtTAZ, BPhen and BCP may be used as the electron transporting material, which indicates that the the blocking material may have an electron transport property). No new matter has been introduced.

The claims have been rejected as anticipated by Aziz (U.S. Patent No. 6,392,250).

With respect to claim 1 and its dependent claims, applicant requests reconsideration and withdrawal of this rejection because Aziz does not describe or suggest a mixed layer that includes a hole transporting material and a hole injecting material, as recited in claim 1. Instead, Aziz discloses a mixed layer that includes a hole transporting material and an electron transporting material.

With respect to claim 7 and its dependent claims, applicant requests reconsideration and withdrawal of this rejection because Aziz does not describe or suggest a mixed layer that includes an electron transporting material and an electron injecting material, as recited in claim 7. Instead, as noted above, Aziz discloses a mixed layer including an electron transporting material and a hole transporting material.

With respect to claim 25 and its dependent claims, applicant requests reconsideration and withdrawal of this rejection because Aziz does not describe or suggest an arrangement in which a blocking material and a material contained in the luminescent layer have an electron transport property, as recited in claim 25. Aziz is silent to the feature.

With respect to claims 30 and 114, and their dependent claims, applicant requests reconsideration and withdrawal of this rejection at least because Aziz does not describe or suggest multiple mixed regions, including one mixed region comprising a hole injecting material and a hole transporting material, and another mixed region comprising an electron injecting material and an electron transporting material, as recited in claims 30 and 114. The rejection indicates that the multiple layers of Aziz are varied in mixing ratios. However, as set forth by Aziz at col. 12, lines 45-56, while the mixed region can comprise more than one layer having different mixing ratios, the ratios appear to indicate the relative amounts of the hole transport material and the electron transport material. Thus, while Aziz may show that different amounts of hole and electron transport materials, Aziz does not describe or suggest at least a first mixed region comprising a hole transporting material and a hole injecting material, and another mixed region comprising an electron transporting material and an electron injecting material.

With respect to claim 121 and its dependent claims, applicant requests reconsideration and withdrawal of this rejection because Aziz does not describe or suggest a first mixed region comprising a hole transporting material and a hole injecting material, a second mixed region comprising the hole transporting material and a host material, a third mixed region comprising the host material and a blocking material, and a fourth mixed region comprising the blocking material and an electron injecting material. Aziz is silent to the feature.

Claims 25, 27-30, 114, 118-121 and 125-128 have been provisionally rejected for obviousness-type double patenting over claims 1-148 of copending Application No. 10/060,427. Applicants respectfully request that this rejection be held in abeyance until the claims of the '427 application have been allowed. In the event that the claims of the present application are otherwise found to be allowable before the claims of the '427 application are allowed, applicant respectfully requests that this rejection should be withdrawn.

Applicant submits that all claims are in condition for allowance.

The fee in the amount of $450 for the two-month extension fee is being paid concurrently herewith on the Electronic Filing System (EFS) by way of Deposit Account authorization. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date: 11/14/06

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